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<110> St Vincent's Institute of Medical Research

<120> Inhibitor of Osteoclast Precursor Formation

<130> FP13129

<140> US 10/031,902

<141> 2002-01-18

<150> PCT/AU00/00864

<151> 2000-07-19

<150> AU PQ1675

<151> 1999-07-19

<160> 56

<170> PatentIn version 3.0

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<213> Artificial sequence

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<223> sense primer complementary to rat calcitonin cDNA

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 Ser Glu His Pro Trp Lys Trp Thr Asp Asn Thr Glu Tyr Asn Asn Thr  
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 Glu Ser Ser Ala Lys Leu Tyr Cys Cys Tyr Gly Val Ile Met Val Leu  
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Arg	Ser	Tyr	Ile	Asn	Arg	Met	Trp	Ile	Cys	Ser	Lys	Leu	Asn	Asn	Tyr
		195					200					205			
Asn	Leu	His	Cys	Gln	Thr	Pro	Pro	Val							
	210					215									

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27

<210> 44  
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 <213> Homo sapiens  
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 tgtttctgac aatcatagtg tgtggaatgg ttgctgcttt aagcgcaata agagctaact 180  
 gccatcaaga gccatcagta tgtcttcaag ctgcatgccc agaaagctgg attgggtttc 240  
 aaagaaagtg tttctatttt tctgatgaca ccaagaactg gacatcaagt cagaggtttt 300  
 gtgactcaca agatgctgat cttgctcagg ttgaaagctt ccaggaactg aatttcctgt 360  
 tgagatataa aggcccatct gatcactgga ttgggctgag cagagaacaa ggccaacat 420  
 ggaaatggat aaatggact gaatggacaa gacagtttcc taccctggga gcaggagagt 480  
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 aagcatattg gaactgataa ctccatttta aaatgagcaa agaatttatt tcttatacca 660  
 acaggtatat gaaaatatgc tcaatatcac taataactgg gaaaatacaa atcaaaatca 720  
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 atttggcgct tatttttctt aatcatgttt ctgacaatca tagtgtgtgg aatggttgct 180  
 gctttaagcg caataagagc taactgccat caagagccat cagtatgtct tcaagctgca 240  
 tgcccagaaa gctggattgg ttttcaaaga aagtgtttct atttttctga tgacaccaag 300  
 aactggacat caagtccag gttttgtgac tcacaagatg ctgatcttgc tcagggtgaa 360  
 agcttccagg aactgaattt cctgttgaga tataaaggcc catctgatca ctggattggg 420  
 ctgagcagag aacaaggcca accatggaaa tggataaatg gtactgaatg gacaagacag 480  
 tttcctatcc tgggagcagg agagtgtgcc tatttgaatg acaaagggtgc cagtgtgcc 540  
 aggcactaca caaagaggaa gtggatttgt tccaaatcag atatacatgt ctgatgtta 600  
 cagcaaagcc ccaactaatc tttagaagca tattggaact gataactcca ttttaaaatg 660  
 agcaaagaat ttatttctta taccaacagg tatatgaaaa tatgctcaat atcactaata 720  
 actgggaaaa tacaaatcaa aatcatagta aaatattacc tgttttcatg gtgctaatat 780  
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 <212> DNA  
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gaaagtgttt ctatttttct gatgacacca agaactggac atcaagtcag aggttttctg 420
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cctatttgaa tgacaaaggc gccagtagtg ccaggcacta cacaagagg aagtggattt 660
gttccaaatc agatatacat gtctagatgt tacagcaaag cccaactaa tctttagaag 720
catattggaa ctgataactc cattttaaaa tgagcaaaga atttatttct tataccaaca 780
ggatatgaa aatatgctca atatcactaa taactgggaa aatacaaatc aaaatcatag 840
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cccagactg agtaatttat aaataaagag atttaaat 937

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<223> sense specific primer
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Gln Glu

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<210> 52  
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31